ON AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

×	Original		Supplemental		Substitute
As a	below named inventor, I here	by de	eclare that:		
My r	esidence, post office address	and (citizenship are as stated below next to	my r	name, and
and	ieve I am the original, first an joint inventor (if more than one is a United States patent is so	e nar	le inventor (if only one name is listed ne is listed below) of the subject matte on the invention entitled	belov er whi	w) or an original, first ich is claimed and for
Exp pro	ression vectors, transfor duction of recombinant p	med olyp	host cells and fermentation pro eptides	ces	s for the
the	specification of which:				
	is attached hereto.				
	was filed on (day	y/mor	as Application No		
	and, if this box (□) contain □ was amended on		x ay/month/year)		
×	was filed as Patent Cooper	ratior	Treaty international Application No.		
	PCT/ EP/2004/009067		on 12.08.2004 (day/month/year)		
	and, if this box (\square) contain	s an	*		
	entered the nation:	al sta	age in the United States and was accor	ded	Application No.
	and, if this box (□) contain	s an	<u>x</u>		
			uent to entry into the national stage, on	1	
				-	(day/month/year)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) specifically referred to above and, if this application was filed as a Patent Cooperation Treaty international application, by any amendments made during the international stage (including any made under Patent Cooperation Treaty Rule 91, Article 19 and Article 34).

I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or Patent Cooperation Treaty international filing date of the continuation-in-part application.

US

60/494914

I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIME		IMED	
		-		Yes		No
				Yes		No
				Yes		No
				Yes		No
				Yes		No
I hereby claim the benefit below:	under 35 U.S.C. 119(e) o	f any United States prov	isiona	al appli	cation(s) listed
APPLICATION NO.		FILING DATE (day/month/year)				

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) listed below and under 35 U.S.C. 365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below:

13.08.2003

United States	United States	Status (Pending,	Interna	ational
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
	(day/month/year)	Patent No.)		(day/month/year)

US C

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

If this box (\square) contains an x \boxtimes , I hereby authorize the registered practitioners associated with Customer No. 001095 and any others acting on my behalf to take any action relating to this application based on communications from Corporate Intellectual Property of Novartis International AG, Basle, Switzerland, or an affiliate thereof or a successor thereto, without direct communication from me.

Please send all correspondence relating to this application to the address associated with Customer No. 001095.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole or first joint inventor	Jörg WINDISCH		
Inventor's signature	· · · · · · · · · · · · · · · · · · ·	Date 	(day/month/year)
Residence	6233 Kramsach, Austria		
Citizenship	Austria		
Post Office Address	Lände 95 A-6233 Kramsach Austria		
Full name of second joint inventor, if any	Kurt SCHOERGENDORFER		
Inventor's signature		Date _	(day/month/year)
Residence	6336 Langkampfen, Austria		
Citizenship	Austria		
Post Office Address	Waldweg 12 6336 Langkampfen Austria		

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

Full name of third joint inventor, if any	Norbert PALMA		
Inventor's signature		Date	
		_	(day/month/year)
Residence	6252 Breitenbach a. Inn		
Citizenship	Italy		
Post Office Address	Kleinsoell 127 6252 Breitenbach a. Inn Austria		
Full name of fourth joint inventor, if any	Franz KNAUSEDER		
Inventor's signature	Frang Prousuler	Date _	06.02.2006 (day/month/year)
Residence	6322 Kirchbichl, Austria		
Citizenship	Austria		
Post Office Address	Oberndorf 306 6322 Kirchbichl Austria		
Full name of fifth joint inventor, if any	Hans BOEHLING		
Inventor's signature		Date	
		-	(day/month/year)
Residence	6330 Kufstein, Austria		
Citizenship	Austria		
Post Office Address	Unterer Stadtplatz 6 6330 Kufstein Austria		

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION

× O	riginal	☐ Sup	plemental		Substitute
My res	ve I am the original, first an	and citize d sole inv	that: nship are as stated below next to entor (if only one name is listed listed below) of the subject mate	d belo	w) or an original, first
which	a United States patent is so	ught on th	e invention entitled	.0. ****	ion io diamed and for
	ession vectors, transfor		t cells and fermentation pr des	oces	s for the
the sp	ecification of which:				
	is attached hereto.				
	was filed on (day	//month/yea	as Application No.		
	and, if this box (□) contain	s an 🗴			
	□ was amended on	(day/mor	nth/year)		
×	was filed as Patent Cooper	ation Trea	aty international Application No.		
	PCT/ EP/2004/009067	on	12.08.2004 (day/month/year)		
	and, if this box (□) contain	s an 🗴			
	☐ entered the nation	al stage in	the United States and was acco	orded	Application No.
	and, if this box (□) contain	s an 🗴			
	□ was amended, sub	sequent t	o entry into the national stage, o	on -	(day/month/year)

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(OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	Р	RIORITY	CLA	IMED
				Yes		No
				Yes		No
				Yes		No
				Yes		No
				Yes		No
I hereby claim the benefit below:	under 35 U.S.C. 119(e) o	f any United States provi	isiona	al applica	tion(s) listed
APPLICATION NO.		FILING DATE (day/month/year)				

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United States	United States	Status (Pending,	Interna	ational
Application No.	Filing Date	Abandoned or U.S.	Application No.	and Filing Date
	(day/month/year)	Patent No.)		(day/month/year)

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Full name of sole or first joint inventor	Jörg WINDISCH	
Inventor's signature	Jong Windisch Date De	6.02.2006 (day/month/year)
Residence	∨ / 6233 Kramsach, Austria	
Citizenship	Austria	
Post Office Address	Lände 95 A-6233 Kramsach Austria	
Full name of second joint inventor, if any	Kurt SCHOERGENDORFER	
Inventor's signature	Vint fliorgendorf Date	13. o2. 2006 (day/month/year)
Residence	6336 Langkampfen, Austria	
Citizenship	Austria	
Post Office Address	Waldweg 12 6336 Langkampfen Austria	

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